

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	123	((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 19:59
L2	15	((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm. and @pd>="20060320"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 19:59
L3	3	(L1 or L2) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 20:20
L4	955056	(c23c016\$ or H01I021\$).ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 20:22
L5	663	L4 and ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) same plate)) and insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 20:22
L6	23	(L5) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 20:22
L7	6	(L6) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:06
L8	4100	(Ho near3 Lee).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:06

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L9	8	L8 and ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:06
L10	0	(L9) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:21
L11	2	(L9) and @pd>="20061011"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:07
L12	5968	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/30 21:23
L13	47	L12 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L14	421	("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L15	14	(L13 or L14) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L16	6	L12 and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23

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L17	55	("156"/3\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) not L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L18	16	("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((dispers\$4) adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L19	7	("156"/3\$).ccls. and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L20	1530	((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L21	1154	L20 not (L13 or L14 or L5 or L16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L22	577	L21 and (substrate or wafer or susceptor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 21:23
L23	12	(L15 or L16 or L17 or L18 or L19 or L22) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 22:18
L24	26	("20020033233" "20020142612" "20030194510" "20040079725" "20050139317" "20060000802" "4496420" "6167835" "6203657" "6261406" "6290806" "6299689" "6692649"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 22:18

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S2	5197	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 17:21
S3	97	S2 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/10 16:02
S4	5413	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/10 16:07
S5	12	S4 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/10 19:33
S6	354	("118"/\$ or "156"/\$3 or "204"/\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/10 17:12
S7	109	S4 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/20 16:51
S8	258	S6 not (S7 or S5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/10 19:30
S9	898080	(c23c016\$ or H01l021\$).ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/10 19:32
S10	19866	S9 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4))) and insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/10 19:36

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S11	632	S9 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) same plate)) and insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/20 16:44
S12	26	("3369989" "4771730" "4792378" "4798165" "4897709" "4971653" "5010842" "5017403" "5148714" "5273588" "5342471" "5356476" "5378501" "5433787" "5434110" "5453124" "5567243" "5593511" "5595606" "5610106" "5628829" "5665640" "5716870" "5855685").PN. OR ("6302057").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/20 16:02
S13	5609	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/20 16:48
S14	32	S13 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/20 16:48
S15	381	("118"/\$ or "156"/\$3 or "204"/\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/20 16:48
S16	13	(S14 or S15) and @pd>="20050910" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 11:02
S17	108	(((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:22

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S18	2	("20040200413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 17:19
S19	2	("20050000430").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 19:27
S20	5893	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:03
S21	46	S20 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:15
S22	412	("118"/\$ or "156"/\$3 or "204"/\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 13:29
S23	10	(S21 or S22) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 19:58
S25	946533	(c23c016\$ or H01l021\$).ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 11:49
S28	659	S25 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) same plate)) and insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 11:50
S30	16	(S28) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 12:01

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S31	6	S20 and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 12:20
S32	55	("156"/3\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:00
S33	16	("118"/\$ or "156"/\$3 or "204"/\$).ccls. and (((dispers\$4) adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 13:43
S34	7	("156"/3\$).ccls. and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:07
S35	3824	(Ho near3 Lee).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:12
S36	6	S35 and ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:18
S37	12	(((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm. and @pd>="20060320"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:39
S38	1515	(((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 16:00

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S39	1143	S38 not (S21 or S22 or S28 or S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/11 15:56
S40	569	S39 and (substrate or wafer or susceptor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/30 19:52